

WENDEROTH, LIND & PONACK, L.L.P.
2033 K Street, N.W., Suite 800
Washington, D.C. 20006

Telephone: (202)721-8200
Facsimile: (202)721-8250

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To: Examiner Igwe Anya (Unit 2891)
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Message: Further to our telephone conversation, please find attached a copy
of the IPS, 1449 Form that was filed on March 28, 2005 along with
date-stamped post card. Please initial and return the 1449 Form to
us.

If you have any question, please do not hesitate to contact us
Thank you.

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ATTY DOCKET #:2003_1226

Confirmation No. 7745

OUR REF: 2003_1226/WDH/00177

Applicant: Shoriki NARITA et al.

Serial No.: 10/651,103

Filing Date: August 29, 2003

Title: BUMP FORMING APPARATUS FOR CHARGE APPEARANCE SEMICONDUCTOR
SUBSTRATE, CHARGE REMOVAL METHOD FOR CHARGE APPEARANCE
SEMICONDUCTOR SUBSTRATE, CHARGE REMOVING UNIT FOR CHARGE
APPEARANCE SEMICONDUCTOR SUBSTRATE, AND CHARGE APPEARANCE
SEMICONDUCTOR SUBSTRATE

Receipt of the following papers is acknowledged:

1. Information Disclosure Statement
2. PTO-1449
3. 2 References



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of : Confirmation No. 7745
Shoriki NARITA et al. : Docket No. 2003_1226
Serial No. 10/651,103 : Group Art Unit 2825
Filed August 29, 2003 : Examiner Igwe U. Anya

BUMP FORMING APPARATUS FOR CHARGE
APPEARANCE SEMICONDUCTOR
SUBSTRATE, CHARGE REMOVAL METHOD
FOR CHARGE APPEARANCE
SEMICONDUCTOR SUBSTRATE, CHARGE
REMOVING UNIT FOR CHARGE APPEARANCE
SEMICONDUCTOR SUBSTRATE, AND CHARGE
APPEARANCE SEMICONDUCTOR SUBSTRATE

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

COPY

Sir:

Pursuant to the provisions of 37 CFR 1.56, 1.97 and 1.98, Applicants request consideration of the references listed on attached form PTO-1449 and any additional information identified below in paragraph 3. A legible copy of each reference listed on the Form PTO-1449 is enclosed, except a copy is not provided for:

- ☒ each U.S. Patent and U.S. Patent application publication;
- ☐ each reference previously cited in the international application PCT/_____; and/or
- ☐ each reference previously cited in prior parent application Serial No. _____

1a. ☐ This Information Disclosure Statement is submitted:

within three months of the filing date (or of entry into the National Stage) of the above-entitled application, **or**

before the mailing of a first Office Action on the merits or the mailing of a first Office Action after the filing of an RCE,

and thus no certification and/or fee is required.

- 1b. ☒ This Information Disclosure Statement is submitted

after the events of above paragraph 1a and prior to the mailing date of a final Office Action or a Notice of Allowance or an action which otherwise closes prosecution in the application, and thus:

- (1) ☐ the certification of paragraph 2 below is provided, **or**
(2) ☐ the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

- 1c. ☐ This Information Disclosure Statement is submitted:

after the mailing date of a final Office Action or Notice of Allowance or action which otherwise closes prosecution in the application, and prior to payment of the issue fee, and thus:

the certification of paragraph 2 below is provided, and

the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

2. It is hereby certified

- a. ☐ that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Statement, **or**
b. ☒ that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of the Statement.

3. ☐ Consideration of the following list of additional information (including any copending or abandoned U.S. application, prior uses and/or sales, etc.) is requested.
4. For each non-English language reference listed on the attached form PTO-1449, reference is made to:
- a. ☐ a full or partial English language translation submitted herewith,
 - b. ☐ a foreign patent office search report (in the English language) submitted herewith,
 - c. ☐ the concise explanation contained in the specification of the present application at page,
 - d. ☒ the concise explanation set forth in the attached English language abstract,
 - e. ☐ the concise explanation set forth below or on a separate sheet attached to the reference:
5. ☐ A foreign patent office search report citing one or more of the references is enclosed.
6. ☐ Statement Under 37 CFR 1.704(d)

Each item of information contained in the Information Disclosure Statement was first cited in any communication from a foreign Patent Office in a counterpart application, and this communication was not received by any individual designated in §1.56(c) more than thirty days prior to the filing of the Information Disclosure Statement.

Respectfully submitted,

Shoriki NARITA et al.

By

W. Douglas Hahn
Registration No. 44,142
Attorney for Applicants

WDH/ck
Washington, D.C. 20006-1021
Telephone (202) 721-8200
Facsimile (202) 721-8250
March 28, 2005

Sheet 1 of 1		INFORMATION DISCLOSURE STATEMENT					
FORM PTO 1449 (modified)		ATTY DOCKET NO. 2003_1226		SERIAL NO. 10/651,103			
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		APPLICANT Shoriki NARITA et al.					
LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary)		FILING DATE August 29, 2003				GROUP 2825	
Date Submitted to PTO: March 28, 2005							
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
JA	AA	5,665,167	09/97	Deguchi et al.	—	—	
JA	AB	5,719,739	02/98	Horiguchi	—	—	
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AJ	62-173428	07/87	JP			Abstract
	AK	07-234014	08/95	JP			Abstract
	AL						
	AM						
	AN						
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)							
	AO						
	AP						
	AQ						
EXAMINER		DATE CONSIDERED 11/2/05					

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.